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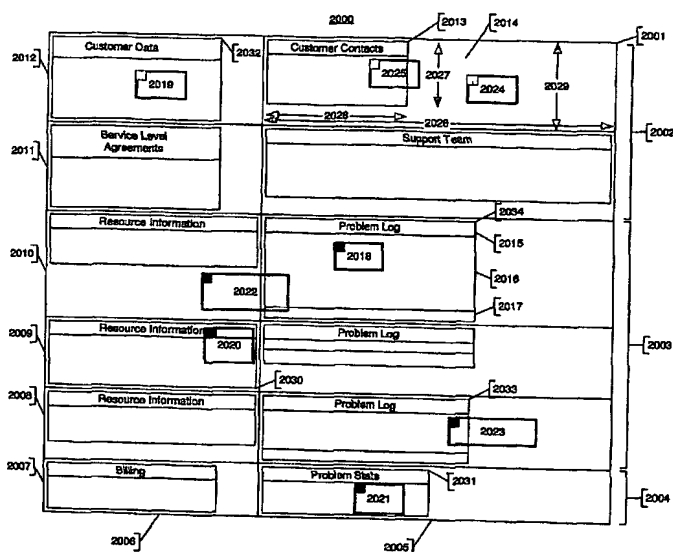Chemin du Vallon, La Tourraque, F-06640 Saint Jeannet
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(54) Title: SYSTEM AND METHOD IN A DATA TABLE FOR CREATING RECURSIVE SCALABLE TEMPLATE INSTANCES

(57) Abstract: The present invention is directed to a method, system and program, in a multi-dimensional electronic data table comprising a plurality of data, for creating one or plurality of recursive scalable template instances; a recursive scalable template instance comprising a variable number of contiguous recursive element instances ordered and aligned along a first data table dimension and structured according to a recursive scalable template; a recursive element instance being defined as comprising one or a plurality of scalable template instances; a scalable template instance comprising a variable number of elements structured according to a scalable template; an element being defined as a range of data; a range of data comprising one or a plurality of data; a recursive scalable template comprising a recursive element comprising one or a plurality of scalable templates. The method comprises for each recursive scalable template instance to create, the steps of: • Selecting a recursive scalable template; • Defining a location for creating a recursive scalable template instance; • Creating at the defined location one or a plurality of contiguous recursive element instances ordered and aligned along a first data table dimension; each recursive element instance having a variable size along said first data table dimension and a same size along a second data table dimension; • Structuring each recursive element instance according to the recursive element defined for the recursive scalable template; • Aligning each scalable template instance of each recursive element instance along said first data table dimension; • Aligning within each recursive element instance, each scalable template instance along said second data table dimension.

Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7   G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/014987 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 20 February 2003 (2003-02-20) cited in the application the whole document	1-24
A	US 5 033 009 A (DUBNOFF) 16 July 1991 (1991-07-16) cited in the application the whole document	1-24
A	US 2001/049683 A1 (YOSHIKAWA) 6 December 2001 (2001-12-06) paragraph '0030! – paragraph '0035! paragraph '0041! paragraph '0182! – paragraph '0186!	1-24

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| X | Further documents are listed in the continuation of box C. | | X | Patent family members are listed in annex. |

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| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 | Authorized officer Abram, R |

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category°	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DJANG R W ET AL: "Similarity inheritance: a new model of inheritance for spreadsheet VPLs" VISUAL LANGUAGES, 1998. PROCEEDINGS. 1998 IEEE SYMPOSIUM ON HALIFAX, NS, CANADA 1-4 SEPT. 1998, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 1 September 1998 (1998-09-01), pages 134-141, XP010297367 ISBN: 0-8186-8712-6 the whole document	1-24
T	HENRION: "WHAT'S WRONG WITH SPREADSHEETS - AND HOW TO FIX THEM WITH ANALYTICA"'Online! 14 July 2004 (2004-07-14), XP002333472 Retrieved from the Internet: URL:http://www.lumina.com/dlana/papers/Whats%20wrong%20with%20spreadsheets.pdf> 'retrieved on 2005-06-24! the whole document	1-24

INTERNATIONAL SEARCH REPORT

Information on patent family members

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